

Title (en)
METHOD AND APPARATUS FOR CONTROLLING AN ELECTROSTATIC COATING SYSTEM

Publication
EP 0185311 B1 19890419 (DE)

Application
EP 85115801 A 19851211

Priority
DE 3445946 A 19841217

Abstract (en)
[origin: ES8704762A1] In the electrostatic coating of large workpieces, for example vehicle bodies, the installation must be switched off automatically in order to avoid a voltage breakdown when the operating current rises to a threshold value predetermined as a function of the operating voltage which is adjustable over a certain range. To this end, all threshold values applicable to selectable voltage values are stored jointly, more particularly in a microprocessor, and when the installation is in operation, they are selected automatically according to the voltage which has been adjusted. A warning signal is produced when an intermediate threshold value of the current is exceeded, where the intermediate value has been automatically adjusted between the normal and threshold values of the current.

IPC 1-7
B05B 5/00; **B05C 1/04**

IPC 8 full level
B05B 5/00 (2006.01); **B05B 5/10** (2006.01); **B05C 1/04** (2006.01); **B05D 1/04** (2006.01)

CPC (source: EP US)
B05B 5/10 (2013.01 - EP US); **B05D 1/04** (2013.01 - EP US)

Cited by
WO2010105738A1; CN102355955A; EP0753923A1; FR2736772A1; US5847945A; CN106413910A; US9043169B2; US10926275B1; US11738358B2; EP0966084B2; EP2408569B1

Designated contracting state (EPC)
BE DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0185311 A2 19860625; **EP 0185311 A3 19861230**; **EP 0185311 B1 19890419**; CA 1246401 A 19881213; DE 3445946 A1 19860619; DE 3569485 D1 19890524; ES 550975 A0 19870416; ES 8704762 A1 19870416; US 4764393 A 19880816

DOCDB simple family (application)
EP 85115801 A 19851211; CA 497747 A 19851216; DE 3445946 A 19841217; DE 3569485 T 19851211; ES 550975 A 19851216; US 80884885 A 19851213